AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for calibrating a transport scanner apparatus arranged for scanning a two-dimensional original by moving the original along a~~ fixed~~ an optical arrangement [[of]] fixedly mounted to the apparatus and forming an electronic image thereof for subsequent usage in an information handling system, said scanning and forming of the electronic image being executed under the control of mechanical device parameters that control the process of making a mapping from an image on the 2-dimensional original to an electronic image in memory, which comprises:

scanning a test original, provided with a test image, and forming an electronic original ~~image~~ thereof, the test image containing at least one marking at a predetermined position, and in continuation of the scanning of the test original, automatically calibrating the apparatus based on said at least one marking in the [[an]] electronic bit map image formed therefrom, wherein a zoom factor is utilized in the transport direction, and the test original, contains a leading edge and comprises two sides of at least one marking in known parallel displacement and parallel with the leading ~~edge, and~~ edge by assessing a correction value for the zoom factor based on the actual parallel displacement of the two sides in the electronic image.

Claim 2 (Cancelled)

3. (Previously Presented) The method as claimed in Claim 1, wherein at least one marking on the test image has at least one side flush with an edge of the test original; and in the step of scanning the test original, a greater area than the area of the test original is scanned.

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4. (Original) The method as claimed in Claim 3, in which a CCD is used for scanning the two-dimensional original and features a leading edge timing signal for initiating the read out of the CCD, wherein

the test original contains a marking with one side flush with the leading edge and wherein assessing a correction value for the leading edge timing signal is assessed based on the position of the one side in the electronic image in relation to the actually used leading edge timing signal.

5. (Original) The method as claimed in Claim 3, in which a CCD is used for scanning the two-dimensional original and features a trailing edge timing signal for stopping the read out of the CCD, wherein

the test original contains a marking with one side flush with the trailing edge; and wherein a correction value for the trailing edge timing signal is assessed based on the position of the one side in the electronic image in relation to the actually used leading edge timing signal.

6. (Previously Presented) The method according to claim 1, in which the zoom factor is perpendicular to the transport direction, wherein

the test original comprises two sides of at least one marking parallel to the transport direction, and wherein

a correction value for the zoom factor perpendicular to the transport direction is assessed, based on a ratio of the distance between the two sides in the electronic image and the actual distance on the test original.

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7. (Original) The method according to claim 1, in which the apparatus features a left or right margin position stop, wherein

the test original utilizes a marking with one side flush with the left or right edge parallel to the transport movement; and

for each line recording is initiated at a first available pixel element of the CCD or recording is stopped at a last available pixel element; and

a correction value for the left or right margin signal is assessed based on the difference between the first or last available pixel element and the one side of the marking, with the one side being flush with the left or the right edge, respectively.

8. (Original) The method of claim 1, wherein the test original is made of a material that has an appropriately conforming and constant size, and carries at least one marking for automatically calibrating the apparatus.

9. (Original) The method according to Claim 8, wherein markings with a side flush with an edge of the test original are obtained by cutting the corresponding edge of the test original.

10. (Currently Amended) An apparatus having a transport scanner facility for scanning a two-dimensional original by moving the original along a fixed an optical arrangement [[of]] fixedly mounted to the apparatus and for forming an electronic image thereof for subsequent usage in an

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information handling system under the control of [[the]] <u>mechanical</u> device parameters that control

the process of making a mapping from an image [[of]] <u>on</u> the 2-dimensional original to an electronic

image in memory, said apparatus comprising:

calibration means for calibrating <u>mechanical</u> device parameters that control the scanning

operation by means of a test original, wherein said calibration means includes processing means for

processing the electronic image obtained by scanning the test original for deriving from at least one

marking in the electronic image correction values for the <u>mechanical</u> device parameters, wherein a

zoom factor is utilized in the transport direction, and the test original contains a leading edge and

comprises two sides of at least one marking in known parallel displacement and parallel with the

leading edge, [[and]] <u>by</u> assessing a correction value for the zoom factor based on the actual parallel

displacement of the two sides [[in]] <u>of</u> the electronic image, and

means for<u>, in continuation of the scanning of the test original,</u> correcting the device

parameters based on the derived correction values.